

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|---------|---------------------|
| S1 | 1626 | (428/137).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/11/09 08:33 |
| S2 | 309 | ((428/137).CCLS.) and plastic and metal | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/18 09:30 |
| S3 | 119 | ((428/137).CCLS.) and plastic and metal) and mold\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/18 09:33 |
| S4 | 2 | ("4592937" "4792475"). PN. | USPAT | OR | OFF | 2004/05/18 09:58 |
| S5 | 16 | "5098765".URPN. | USPAT | OR | OFF | 2004/05/18 09:59 |
| S6 | 2 | ("4364591" "4529244"). PN. | USPAT | OR | OFF | 2004/05/18 10:24 |
| S7 | 8 | "4592937".URPN. | USPAT | OR | OFF | 2004/05/18 10:25 |
| S8 | 44351 | plastic and metal and mold\$3 and curv\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/18 10:32 |
| S9 | 24316 | plastic same metal and mold\$3 and curv\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/18 10:32 |
| S10 | 5007 | (plastic same metal and mold\$3 and curv\$3) and (automobile or vehicle or car or auto) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/18 10:35 |
| S11 | 1868 | ((plastic same metal and mold\$3 and curv\$3) and (automobile or vehicle or car or auto)) and flange \$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/18 10:36 |
| S12 | 677 | ((((plastic same metal and mold\$3 and curv\$3) and (automobile or vehicle or car or auto)) and flange\$1) and rib\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/05/18 10:40 |
| S13 | 4 | ("4391465" "4733739" "5088571" "5364159").PN. | USPAT | OR | OFF | 2004/05/18 12:06 |

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| S14 | 13 | "5580122".URPN. | USPAT | OR | OFF | 2004/05/18 12:07 |
| S15 | 3 | ("6708583").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/07/09 08:15 |
| S16 | 2 | ("20040072006").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/08/26 13:02 |
| S17 | 26 | ("4411331" "4703669" "5174421" "5180189" "5190803" "5605352" "5709605" "5813288" "5820163" "5842265" "5940949" "5941129" "5944348" "5946977" "5975766" "5979860" "6027088" "6116647" "6131481" "6148687" "6151982" "6152488" "6152489" "6170874" "6273496" "6412855").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/12 12:04 |
| S18 | 5 | ("4865793" "5150513" "5236657" "5326417" "5673472").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/12 12:18 |
| S19 | 9 | ("5940949").URPN. | USPAT | OR | OFF | 2005/10/12 12:20 |
| S20 | 51 | closed with cross with section with metal with plastic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/10/12 13:30 |
| S21 | 4745 | closed with cross with section and metal and plastic | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/10/12 13:30 |
| S22 | 2175 | S21 and mold\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/10/12 13:31 |
| S23 | 753 | S22 and (vehicle\$1 or auto%1 or automobile\$1 or car\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/10/12 13:32 |
| S24 | 10 | ("3901543" "3930665" "3997207" "4018466" "4116480" "4350378" "4422680" "4856833" "5114198" "5139297").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/25 18:35 |
| S25 | 35 | ("5219197").URPN. | USPAT | OR | OFF | 2006/08/25 18:42 |

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|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----|-----|------------------|
| S26 | 20898 | metal and closed and cross and section and (opening or hole) and plastic and flange | USPAT | OR | OFF | 2006/08/25 18:43 |
| S27 | 454 | (metal same closed same cross same section) and (opening or hole) and plastic and flange | USPAT | OR | OFF | 2006/08/25 18:44 |
| S28 | 199 | S27 and mold\$3 | USPAT | OR | OFF | 2006/08/25 18:44 |
| S29 | 10 | ("3519523" "4784366" "4839118" "4892770" "4973235" "4997356" "5011394" "5018958" "5040335").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/25 18:54 |
| S30 | 1 | ("6280816").URPN. | USPAT | OR | OFF | 2006/08/25 18:57 |
| S31 | 346 | plastic same (overmold \$3 or overmould\$3) same metal | USPAT | OR | OFF | 2006/08/26 11:57 |
| S32 | 15 | ("3686835" "3782083" "3796027" "3815754" "3872576" "3897342" "3932153" "3957469" "4113627" "4136011" "4402827" "4404006" "4414172" "4450078" "4450081").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/26 12:36 |
| S33 | 22 | ("5530344").URPN. | USPAT | OR | OFF | 2006/08/26 12:45 |
| S34 | 2 | ("6273496").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/08/26 13:02 |
| S35 | 26 | ("4411331" "4703669" "5174421" "5180189" "5190803" "5605352" "5709605" "5813288" "5820163" "5842265" "5940949" "5941129" "5944348" "5946977" "5975766" "5979860" "6027088" "6116647" "6131481" "6148687" "6151982" "6152488" "6152489" "6170874" "6273496" "6412855").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/26 13:33 |

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| S36 | 14 | ("3367809" "3448550" "3462330" "3470598" "3732138" "3770545" "3905171" "4004774" "4139664" "4315964").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/26 13:40 |
| S37 | 45 | ("3470598").URPN. | USPAT | OR | OFF | 2006/08/26 13:43 |
| S38 | 46 | ("3470598").URPN. | USPAT | OR | OFF | 2007/01/24 14:26 |
| S39 | 6 | ("20010025462" "5190803" "6216810").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/11/09 08:33 |
| S40 | 2 | ("5919803").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/07/16 19:38 |
| S41 | 3469 | metal\$1 and ((closed with cross with section \$1) or (closed\$1cross with section\$1)) and (opening\$1 or hole\$1 or cut\$1out\$1 or cutout\$1) and plastic\$1 and flange \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/07/16 19:43 |
| S42 | 742 | (metal\$1 same ((closed with cross with section \$1) or (closed\$1cross with section\$1))) and (opening\$1 or hole\$1 or cut\$1out\$1 or cutout\$1) and plastic\$1 and flange \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/07/16 19:45 |
| S43 | 7 | ("3462330" "3695187" "4843976" "5046434" "5190803" "5667908").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/17 11:42 |
| S44 | 6 | ("6503585").URPN. | USPAT | OR | OFF | 2009/07/17 11:42 |
| S45 | 21 | ("3367809" "5100204" "5122325" "5190803" "5354114" "5364159" "5658041" "5762395" "5934733" "5934744" "5976451" "6139082" "6186885" "6196828" "6216810" "6273495" "6273496" "6398259" "6421979" "6503585").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/17 12:01 |

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| S46 | 8 | ("6644722").URPN. | USPAT | OR | OFF | 2009/07/17 12:07 |
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7/ 17/ 09 4:58:33 PM

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